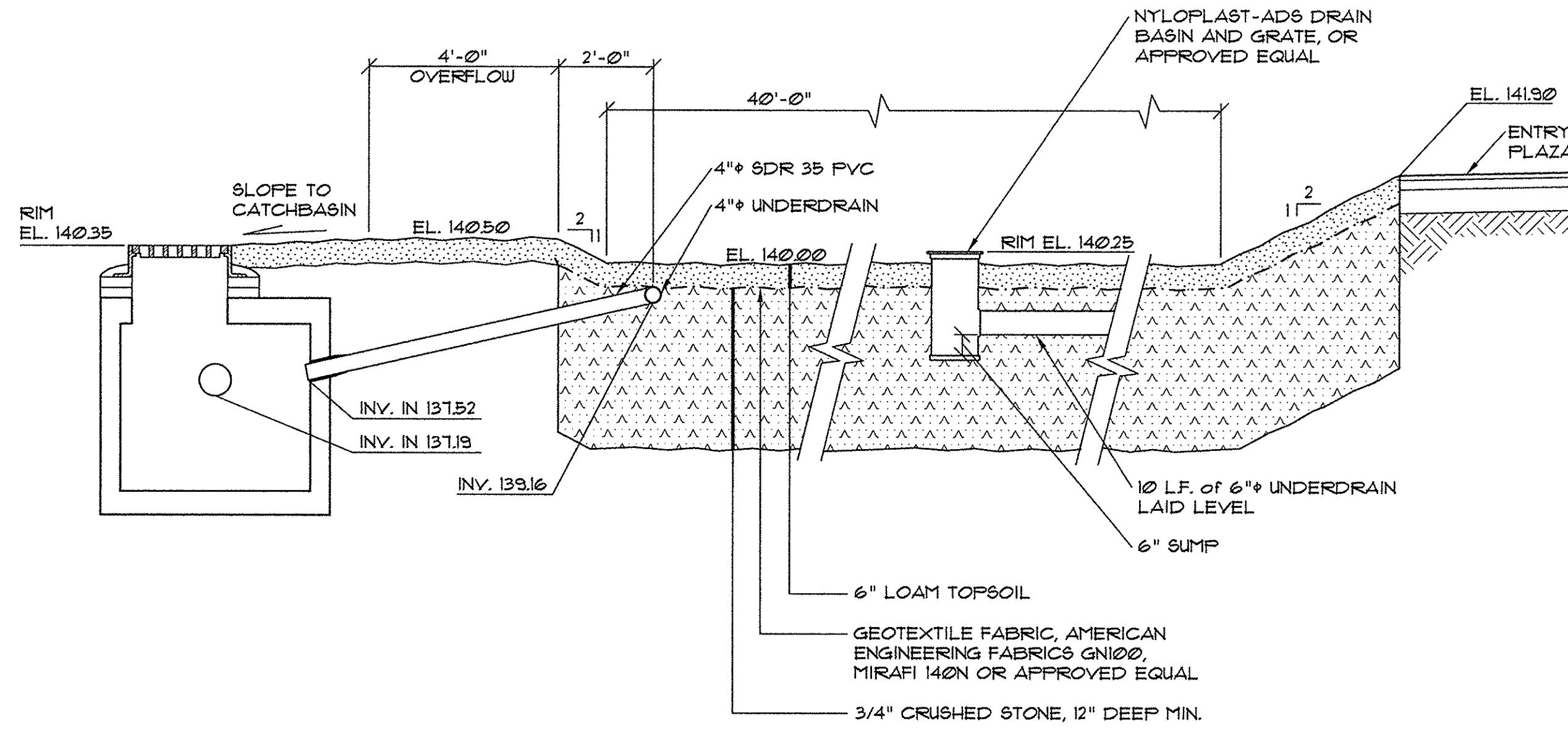
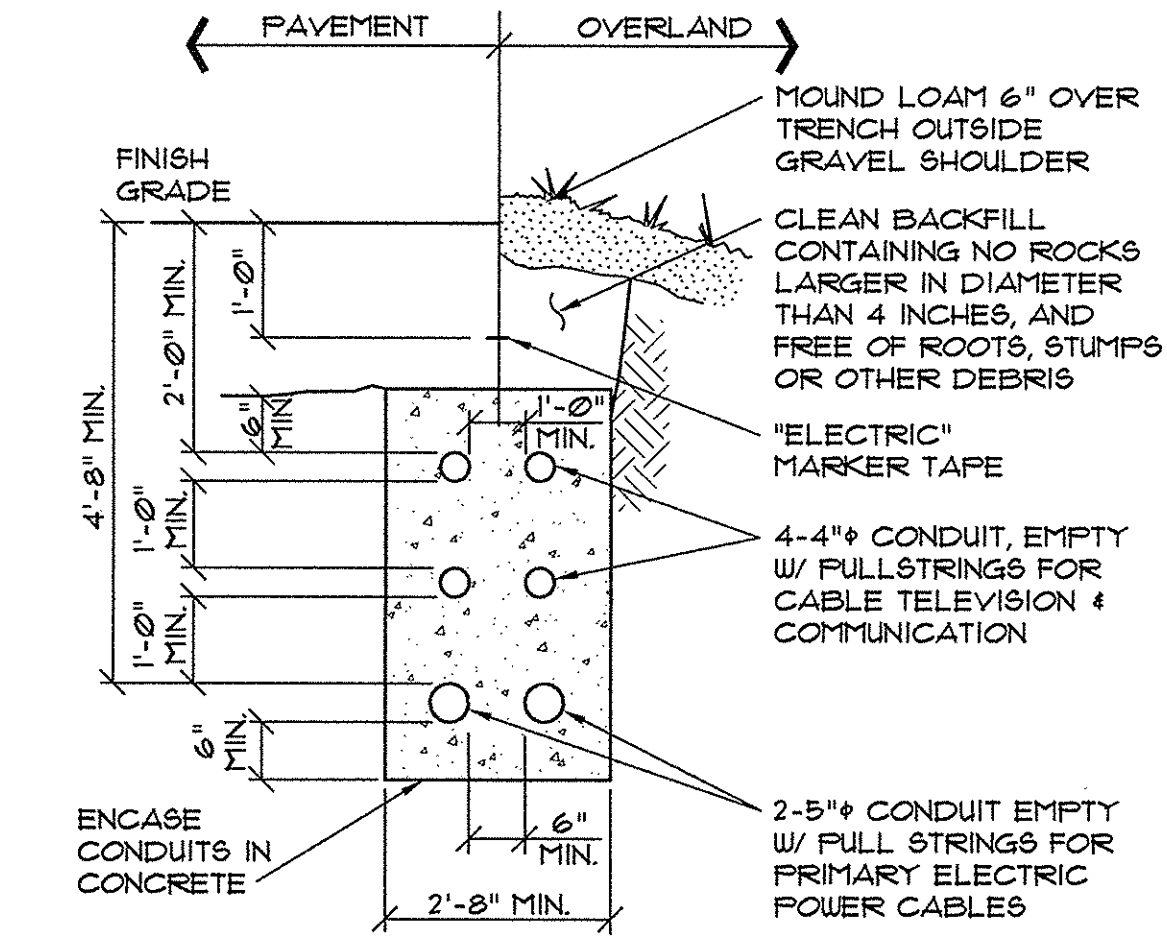


INFILTRATION BASIN CROSS-SECTION



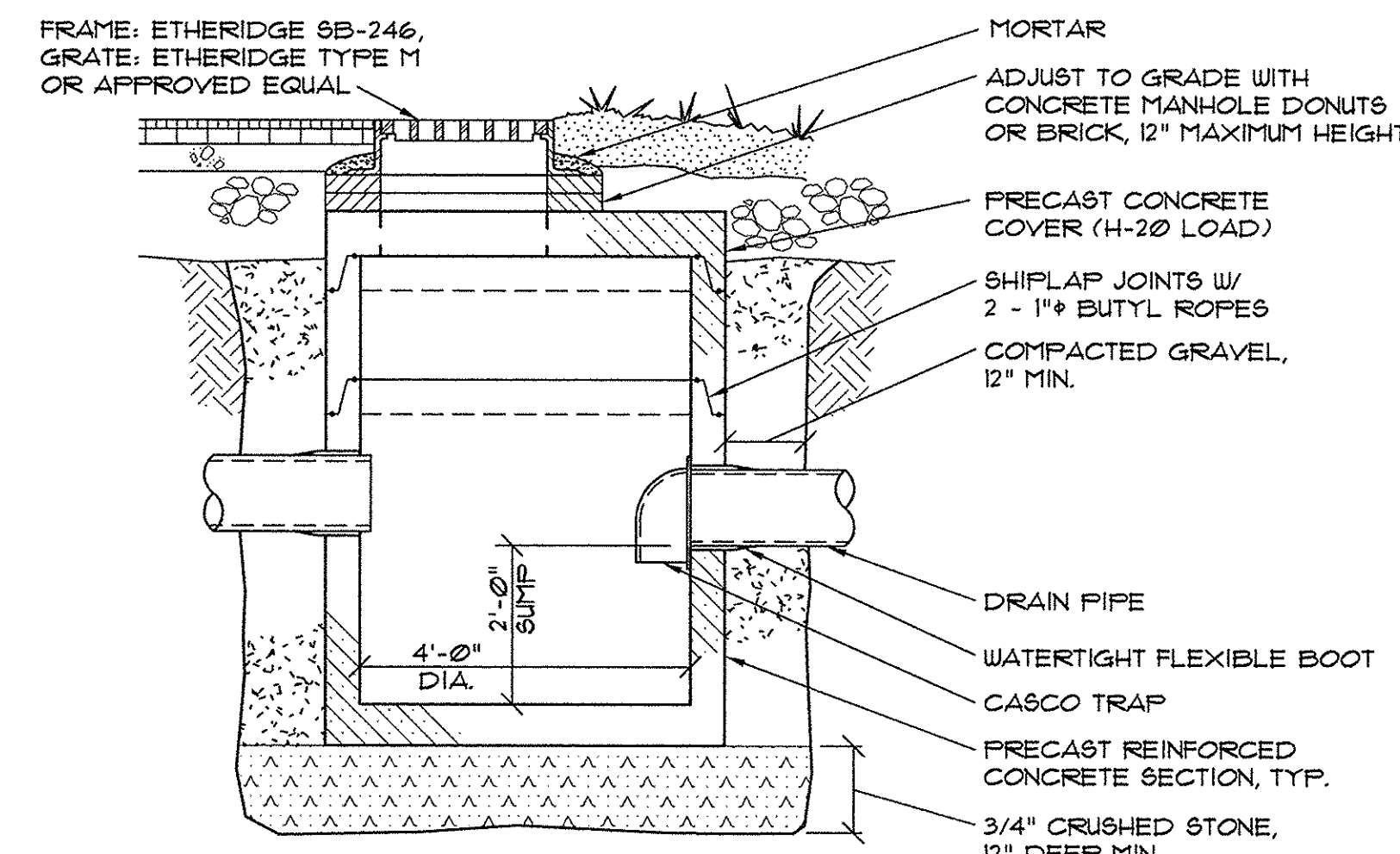
INFILTRATION BASIN LONGITUDINAL SECTION

4 INFILTRATION BASIN SECTIONS

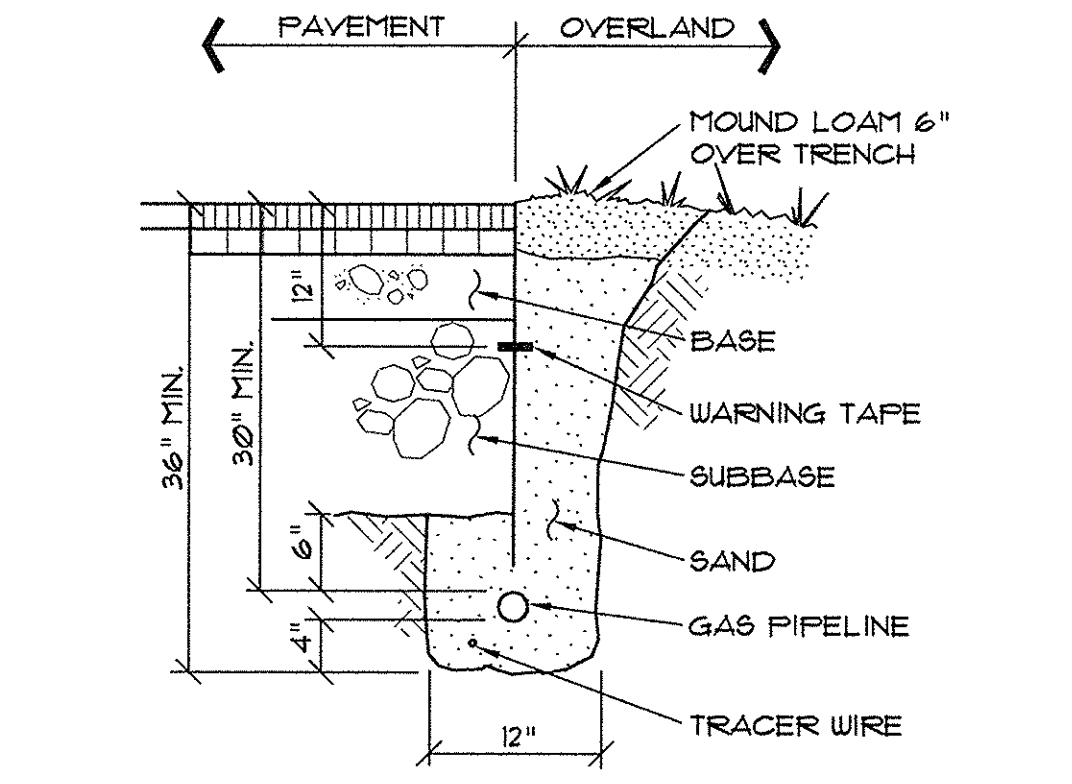


NOTES:
 1. INSTALLATION SHALL NOT ALLOW INTER-TWILING OF CABLES.
 2. PROVIDE SCH. 40 PVC CONDUIT FULL LENGTH OF INSTALLATION.

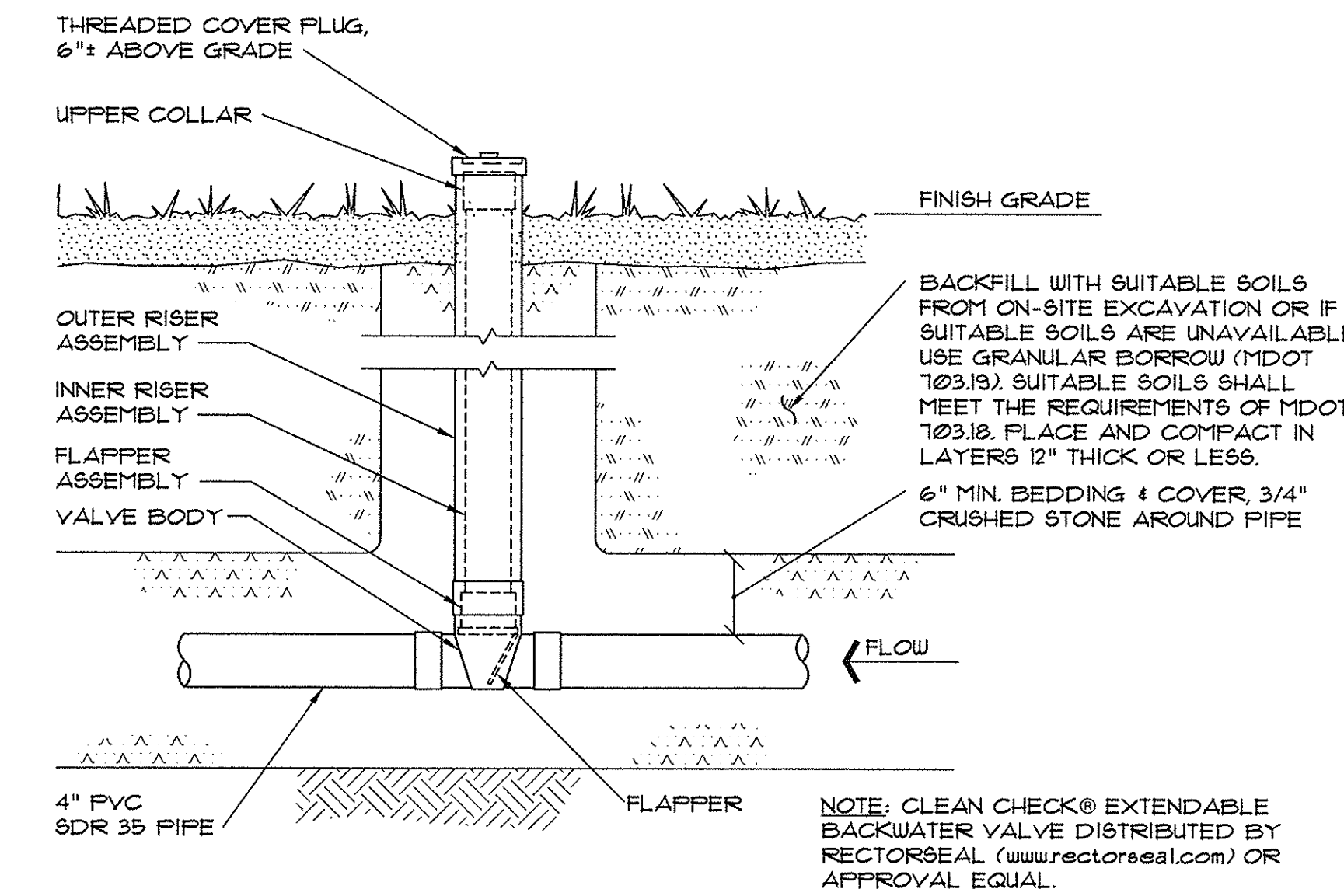
7 CABLE TRENCH SECTION NOT TO SCALE



6 TYPICAL CATCH BASIN SECTION NOT TO SCALE



5 GAS PIPING TRENCH SECTION NOT TO SCALE



8 TYPICAL BACKFLOW PREVENTOR DETAIL NOT TO SCALE

UNDERGROUND UTILITIES WARNING TAPE

IDENTIFICATION TAPE TO BE INSTALLED ABOVE ALL NEW UNDERGROUND UTILITIES AND ABOVE ANY EXISTING UTILITIES THAT MAY BE EXPOSED BY THIS CONSTRUCTION.

DETECTABLE UNDERGROUND MARKING TAPE TO BE PERMANENT, BRIGHT-COLORED, CONTINUOUS-PRINTED PLASTICIZED ALUMINUM TAPE, INTENDED FOR DIRECT-BURIAL SERVICE NOT LESS THAN 3\"/>

APUA UNIFORM COLOR CODE:

WHITE	PROPOSED EXCAVATION
PINK	TEMPORARY SURVEY MARKINGS
RED	ELECTRIC POWER LINES, CABLES, CONDUIT AND LIGHTING CABLES
YELLOW	GAS, OIL, STEAM, PETROLEUM OR GASEOUS MATERIALS
ORANGE	COMMUNICATION, ALARM OR SIGNAL LINES, CABLES OR CONDUIT
BLUE	POTABLE WATER
PURPLE	RECLAIMED WATER, IRRIGATION AND SLURRY LINES
GREEN	SEWERS AND DRAIN LINES

1 UNDERGROUND UTILITIES WARNING TAPE

GENERAL NOTES FOR MANHOLES AND CATCH BASINS

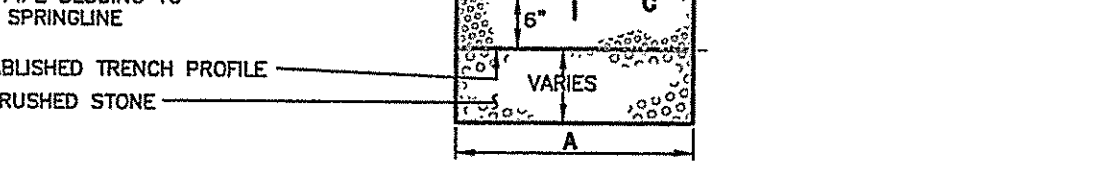
- ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4000 lbs. PER SQ. INCH AT THE END OF 28 DAYS, UNLESS OTHERWISE NOTED.
- MANHOLES MAY BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE, OR CAST IN PLACE.
- PRECAST REINFORCED CONE BARREL MANUFACTURED PER ASTM SPEC. C-478.
- ALL STORM AND SEWER MANHOLE COVERS SHALL BE SOLID AND SHALL HAVE ONE 7/8\"/>

2 GENERAL NOTES FOR MANHOLES AND CATCH BASINS (11-4)

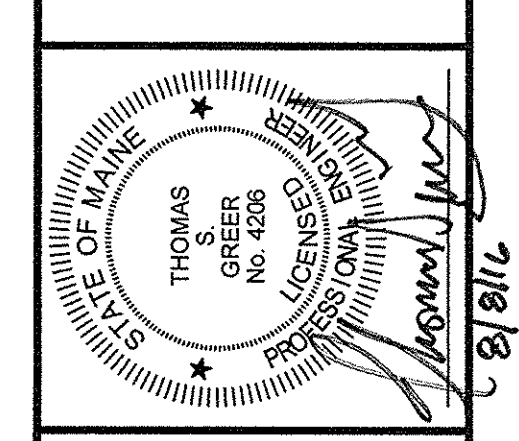
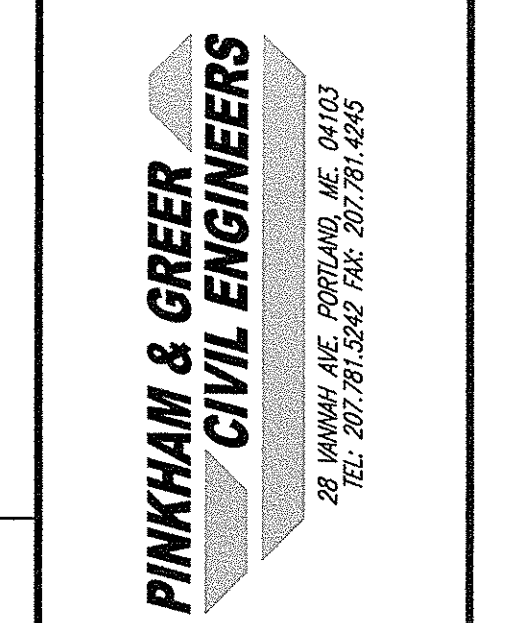
NOTES:
 DEPTH OF BITUMINOUS PAVEMENT AND AGGREGATE COURSES SHALL BE DETERMINED BY STREET CLASSIFICATION.

ANY ALTERNATE TRENCHING OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE BY THE CITY OF PORTLAND, DEPARTMENT OF PUBLIC SERVICES.

PIPE DIAMETER, D (INCHES)	MAX. TRENCH WIDTH, A (FEET)
4	4.0
6	4.0
8	4.0
10	4.0
12	5.0
15	5.0
18	5.0
21	5.0
24	6.0
27	6.0
30	6.0
36	6.0
42	7.0
48	7.0



3 TYPICAL PIPE TRENCH INSTALLATION (11-12)



ISSUED FOR BID	DESCRIPTION
8/8/18	ISSUED FOR BID
7/12/16	REV'D DETAIL 7, CABLE TRENCH SECTION
8/8/15	REV'D INFILTRATION BASIN
7/28/15	REV'D INFILTRATION SYSTEM ADDED DETAIL 8
6/20/15	REV'D PER STAFF REVIEW AND COMMENTS
5/7/15	ISSUED FOR SUBDIVISION & SITE PLAN APPROVAL
REV.	DATE

ISSUED FOR BID	DESCRIPTION
8/8/18	ISSUED FOR BID
7/12/16	REV'D DETAIL 7, CABLE TRENCH SECTION
8/8/15	REV'D INFILTRATION BASIN
7/28/15	REV'D INFILTRATION SYSTEM ADDED DETAIL 8
6/20/15	REV'D PER STAFF REVIEW AND COMMENTS
5/7/15	ISSUED FOR SUBDIVISION & SITE PLAN APPROVAL
REV.	DATE

AVESTA HOUSING DEVELOPMENT CORP.
 307 CUMBERLAND AVENUE
 PORTLAND, ME 04101

SCALE: AS SHOWN
 DATE: APRIL 23, 2015
 PROJECT: 15108

DRN BY: RJS/JDC
 DESG BY: TSG
 CHK BY: 1510

17 CARLETON STREET
 CARLETON STREET, PORTLAND, MAINE

DETAILS